

## ABSTRACT OF THE DISCLOSURE

The differential limiting control apparatus having  
a clutch unit interposed between one rotational shaft  
5 and the other rotational shaft for variably transmitting  
a driving force between the one rotational shaft and the  
other rotational shaft, having: a feedback control unit  
for computing the clutch torque on basis of vehicle  
behaviors through a feedback control, a feed forward  
10 control unit for computing the clutch torque based on  
the behaviors through feed forward control, a tire  
diameter difference computing unit for computing a  
diameter difference of a tire, and a clutch torque  
computing unit for computing a final clutch torque by  
15 changing a ratio of the clutch torque obtained through  
the feedback control and a clutch torque obtained through  
the feed forward control so as to appropriately decide  
the feed forward control by effectively suppress the tire  
slip while avoiding the occurrence of the internal  
20 circulation of the torque.